

Serial No.: 09/752,198

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for verifying a correct association between information printed on a closed face package and material and/or information contained inside the closed face package, the method comprising the steps of:
 - (a) providing a closed face package including a document inserted within the package, wherein the package has a window permitting a portion of the document to be read from a location outside of the package;
 - (b) providing a data file to access account information stored therein, the data file corresponding to printed package data on the package, the data file further corresponding and to printed document data on the inserted document which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package;
 - (c) using a first reading device to optically read the printed package data on the package;
 - (d) using a second reading device to optically read the printed document data on the inserted document and appearing through the window;

Serial No.: 09/752,198

- (e) reading the data file to access the account information stored therein;
 - (f) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the accessed account information with the document data to determine whether a matching association exists between the package data and the document data;
 - (g) if the matching association is determined to exist, allowing the package to be further processed; and
 - (h) if the matching association is determined not to exist, preventing the package from being further processed.
2. (Original) The method according to claim 1 wherein the package is an envelope.
 3. (Original) The method according to claim 1 wherein the package data is printed on a first side of the package and the window is located on the first side.
 4. (Original) The method according to claim 1 wherein the package data is printed on a first side of the package and the window is located on an opposing second side of the package.
 5. (Original) The method according to claim 1 wherein the first reading device reads the package data in a generally linear first direction and the

Serial No.: 09/752,198

second reading device reads the document data in a generally linear second direction generally transverse to the first direction.

6. (Canceled)
7. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Data Matrix format.
8. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Data Glyph format.
9. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Bar Code 39 format.
10. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in OCR format.
11. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Post Net barcode format.
12. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Planet Code format.
13. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in Interleaved 2 of 5 format.
14. (Original) The method according to claim 1 wherein at least one of the reading devices is adapted to read data in PDF 417 format.
15. (Original) The method according to claim 1 wherein the stored account information includes mail address information.

Serial No.: 09/752,198

16. (Original) The method according to claim 1 comprising the step of indicating an error condition if the matching association is determined not to exist.
17. (Original) The method according to claim 16 wherein the step of indicating an error condition includes the step of displaying a human-readable error message.
18. (Original) The method according to claim 16 wherein the step of indicating an error condition includes the step of updating a database file with a print failure code.
19. (Original) The method according to claim 1 wherein the step of preventing the package from being further processed includes the step of rendering inoperable a mail processing machine by which the package is being processed.
20. (Original) The method according to claim 1 comprising the steps of reading a control code printed on the document and using the control code to locate the data file.
21. (Original) The method according to claim 1 comprising the steps of acquiring data representing address information from the stored account information, sending printing instructions to a printer, and causing the printer to print the address information on the closed face package.
22. (Original) The method according to claim 21 comprising the steps of determining at a predetermined point in time whether the printer has

Serial No.: 09/752,198

performed a printing operation on the closed face package, and causing the closed face package to be rejected if the printer has not performed the printing operation at the predetermined point in time.

23. (Currently Amended) A system for verifying a correct association between information printed on a closed face package and material and/or information contained inside the closed face package, the system comprising:

- (a) an optical reader adapted to optically read printed package data on a closed face package, the closed face package containing a document and including a window through which the document is visible, and to optically read printed document data on the document and visible through the window of the closed face package, wherein the optical reader is adapted to send the package data and the document data to an electronic processing apparatus;
- (b) a storage medium containing a data file, ~~the data file including that~~ includes account information specific to a mail recipient, the data file and corresponding to the package data, the data file further corresponding to ~~and~~ the document data which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package; and

Serial No.: 09/752,198

- (c) an electronic processing apparatus adapted to access the data file and retrieve data forming a part of the account information and to compare at least a portion of the data forming a part of the account information with the package data and to compare at least a portion of the data forming a part of the account information with the document data to determine whether a matching association exists between the package data and the document data.
- 24. (Original) The system according to claim 23 wherein the optical reader is operatively disposed downstream of a package printer.
 - 25. (Original) The system according to claim 23 comprising first and second optical readers, the first optical reader adapted to read the package data and to send the package data to the electronic processing apparatus, and the second optical reader adapted to read the document data and to send the document data to the electronic processing apparatus.
 - 26. (Original) The system according to claim 25 wherein the first optical reader is adapted to perform reading operations on a first side of the closed face package and the second optical reader is adapted to perform reading operations on the first side.
 - 27. (Original) The system according to claim 25 wherein the first optical reader is adapted to perform reading operations on a first side of the

Serial No.: 09/752,198

closed face package and the second optical reader is adapted to perform reading operations on a second side of the closed face package.

28. (Original) The system according to claim 25 wherein the first optical reader reads the package data in a generally linear first direction and the second optical reader reads the document data in a generally linear second direction generally transverse to the first direction.

29. (Canceled)

30. (Currently Amended) A mailpiece processing system comprising:

- (a) a mailpiece processing apparatus including a mail inserting device for inserting a document into a closed face package and a package printer for printing package data onto the closed face package;
- (b) an optical reader adapted to optically read printed package data on the closed face package, the closed face package containing the document inserted by the mail inserting device and including a window through which the document is visible, and to optically read printed document data on the document and visible through the window of the closed face package, wherein the optical reader is adapted to send the package data and the document data to an electronic processing apparatus;
- (c) a storage medium containing a data file, ~~the data file including that~~ includes account information specific to a mail recipient, the data

file and corresponding to the package data, the data file further corresponding to and the document data which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package; and

- (d) an electronic processing apparatus adapted to control operations of the mailpiece processing apparatus, to access the data file and retrieve data forming a part of the account information, and to compare at least a portion of the data forming a part of the account information with the package data and to compare at least a portion of the data forming a part of the account information with the document data to determine whether a matching association exists between the package data and the document data.
31. (Original) The system according to claim 30 wherein the optical reader is operatively disposed downstream of a package printer.
32. (Original) The system according to claim 30 comprising first and second optical readers, the first optical reader adapted to read the package data and to send the package data to the electronic processing apparatus, and the second optical reader adapted to read the document data and to send the document data to the electronic processing apparatus.

Serial No.: 09/752,198

33. (Original) The system according to claim 32 wherein the first optical reader is adapted to perform reading operations on a first side of the closed face package and the second optical reader is adapted to perform reading operations on the first side.
34. (Original) The system according to claim 32 wherein the first optical reader is adapted to perform reading operations on a first side of the closed face package and the second optical reader is adapted to perform reading operations on a second side of the closed face package.
35. (Original) The system according to claim 32 wherein the first optical reader reads the package data in a generally linear first direction and the second optical reader reads the document data in a generally linear second direction generally transverse to the first direction.
36. (Canceled)
37. (Currently Amended) A computer program product adapted for verifying a correct association between information printed on a closed face package and material and/or information contained inside the closed face package, wherein the closed face package includes a document inserted within the package and the package has a window permitting a portion of the document to be read from a location outside of the package, the computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

Serial No.: 09/752,198

- (a) receiving package data, the package data printed on the closed face package and optically read from the package by a first reading device;
- (b) receiving document data optically read by a second reading device, the document data printed on the inserted document and appearing through the window of the package;
- (c) reading a data file to access account information stored therein, the data file corresponding to the package data, the data file further corresponding to ~~and~~ the document data which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package;
- (d) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the accessed account information with the document data to determine whether a matching association exists between the package data and the document data;
- (e) if the matching association is determined to exist, allowing the package to be further processed; and
- (f) if the matching association is determined not to exist, preventing the package from being further processed.

Serial No.: 09/752,198

38. (Original) The computer program product according to claim 37 comprising causing the first reading device to read the package data in a generally linear first direction and causing the second reading device to read the document data in a generally linear second direction generally transverse to the first direction.
39. (Original) The computer program product according to claim 37 comprising indicating an error condition if the matching association is determined not to exist.
40. (Original) The computer program product according to claim 39 wherein the step of indicating an error condition includes the step of displaying a human-readable error message.
41. (Original) The computer program product according to claim 39 wherein the step of indicating an error condition includes the step of updating a database file with a print failure code.
42. (Original) The computer program product according to claim 37 wherein the step of preventing the package from being further processed includes the step of rendering inoperable a mail processing machine by which the package is being processed.
43. (Original) The computer program product according to claim 37 comprising receiving a control code read from the document and using the control code to locate the data file.

Serial No.: 09/752,198

44. (Original) The computer program product according to claim 37 comprising acquiring data representing address information from the stored account information, sending printing instructions to a printer, and causing the printer to print the address information on the closed face package.
45. (Original) The computer program product according to claim 44 comprising determining at a preset point in time whether the printer has performed a printing operation on the closed face package, and causing the closed face package to be rejected if the printer has not performed the printing operation at the predetermined point in time.
46. (Currently Amended) A method for verifying a correct association between information printed on a closed face package and insert material contained inside the closed face package, the method comprising:
- (a) providing a closed face package including insert material inserted within the package, wherein the package has a window permitting printed insert data on the insert material to be read from a location outside of the package;
 - (b) providing a data file to access account information stored therein, the data file corresponding to printed package data on the package, the data file further corresponding and to the printed insert data on the insert material which pertains to the insert

Serial No.: 09/752,198

material contained inside the closed face package, and the data file further corresponding to address data printed on the package;

- (c) using a first reading device to optically read the printed package data on the package;
- (d) using a second reading device to optically read the printed insert data on the insert material and appearing through the window;
- (e) reading the data file to access the account information stored therein; and
- (f) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the accessed account information with the insert data to determine whether a matching association exists between the package data and the insert data.

47. (Currently Amended) A system for verifying a correct association between information printed on a closed face package and insert material contained inside the closed face package, the system comprising:

- (a) an optical reader adapted to optically read printed package data on a closed face package, the closed face package containing insert material and including a window through which printed insert data on the insert material is visible, and to optically read the insert data, wherein the optical reader is adapted to send the

Serial No.: 09/752,198

package data and the insert data to an electronic processing apparatus;

- (b) a storage medium containing a data file, ~~the data file including that~~ includes account information specific to a mail recipient, the data file and corresponding to the package data, the data file further corresponding to and the insert data which pertains to the insert material contained inside the closed face package, and the data file further corresponding to address data printed on the package;
and

- (c) an electronic processing apparatus adapted to access the data file and retrieve data forming a part of the account information and to compare at least a portion of the data forming a part of the account information with the package data and to compare at least a portion of the data forming a part of the account information with the insert data to determine whether a matching association exists between the package data and the insert data.

48. (Currently Amended) A mailpiece processing system comprising:

- (a) a mailpiece processing apparatus including a mail inserting device for inserting insert material into a closed face package and a package printer for printing package data onto the closed face package;

Serial No.: 09/752,198

- (b) an optical reader adapted to optically read printed package data on the closed face package, the closed face package containing insert material inserted by the mail inserting device and including a window through which printed insert data on the insert material is visible, and to optically read the insert data through the window, wherein the optical reader is adapted to send the package data and the insert data to an electronic processing apparatus;
- (c) a storage medium containing a data file, ~~the data file including that~~ includes account information specific to a mail recipient, the data file and corresponding to the package data, the data file further corresponding to and the insert data which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package; and
- (d) an electronic processing apparatus adapted to control operations of the mailpiece processing apparatus, to access the data file and retrieve data forming a part of the account information, and to compare at least a portion of the data forming a part of the account information with the package data and to compare at least a portion of the data forming a part of the account information with the insert data to determine whether a matching association exists between the package data and the insert data.

Serial No.: 09/752,198

49. (Currently Amended) A computer program product for controlling a computer to verify correct association between information printed on a closed face package and insert material contained inside the closed face package, wherein the closed face package has a window permitting printed insert data on the insert material to be optically read from a location outside of the package, the product comprising computer-executable instructions which may be embodied in a computer-readable medium for performing steps comprising:
- (a) receiving package data, the package data printed on the closed face package and optically read from the package by a first reading device;
 - (b) receiving insert data optically read by a second reading device, the insert data printed on the insert material and appearing through the window of the package;
 - (c) reading a data file to access account information stored therein, the data file corresponding to the package data, the data file further corresponding to and the insert data which pertains to material and/or information contained inside the closed face package, and the data file further corresponding to address data printed on the package; and
 - (d) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the

Serial No.: 09/752,198

accessed account information with the insert data to determine whether a matching association exists between the package data and the insert data.

50. (New) A method for verifying a correct association between information printed on a package and material and/or information contained inside the package, the method comprising the steps of:

- (a) accessing account information from a data file, the data file corresponding to printed package data on a package, the data file further corresponding to printed document data on an inserted document in the package that pertains to material and/or information contained inside the package, and the data file further corresponding to address data printed on the package;
- (b) optically reading the printed package data on the package;
- (c) optically reading the printed document data on the inserted document;
- (d) reading the data file to access the account information;
- (e) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the accessed account information with the document data to determine whether a matching association exists between the package data and the document data;

Serial No.: 09/752,198

- (f) if the matching association is determined to exist, allowing the package to be further processed; and
 - (g) if the matching association is determined not to exist, preventing the package from being further processed.
51. (New) A computer program product adapted for verifying a correct association between information printed on a package and material and/or information contained inside the package, the computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:
- (a) receiving package data, the package data printed on a package and optically read from the package;
 - (b) receiving optically read document data, the document data printed on an inserted document in the package;
 - (c) accessing account information from a data file, the data file corresponding to the package data, the data file further corresponding to the document data which pertains to material and/or information contained inside the package, and the data file further corresponding to address data printed on the package;
 - (d) comparing at least a portion of the accessed account information with the package data and comparing at least a portion of the accessed account information with the document data to

Serial No.: 09/752,198

determine whether a matching association exists between the package data and the document data;

- (e) if the matching association is determined to exist, allowing the package to be further processed; and
- (f) if the matching association is determined not to exist, preventing the package from being further processed.